



UNITED STATES PATENT AND TRADEMARK OFFICE

mn
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/996,948	11/27/2001	Chinna Narasimha Reddy Pellacuru	50325-0607	2395

29989 7590 06/04/2007
HICKMAN PALERMO TRUONG & BECKER, LLP
2055 GATEWAY PLACE
SUITE 550
SAN JOSE, CA 95110

EXAMINER

YALEW, FIKREMARIAM A

ART UNIT	PAPER NUMBER
----------	--------------

2136

MAIL DATE	DELIVERY MODE
-----------	---------------

06/04/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/996,948

Applicant(s)

PELLACURU, CHINNA
NARASIMHA REDDY

Examiner

Fikremariam Yalew

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 January 2007.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21,22,25,27 and 29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,2,6,9,11,12,15,17,20,23,24,26,28 and 30-45 is/are allowed.
- 6) ☒ Claim(s) 21,22,25,27 and 29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application
- ☐ Other: _____

DETAILED ACTION

1. The office action is in reply to an amendment filed on 01/25/2007. Claims 3-5, 7-8, 10, 13-14, 16, 18-19 were previously cancelled. Claims 1-2, 6, 9, 11-12, 15, 17, 20, 23-24, 26, 28, 30-45 are pending.

Response to Arguments

2. Applicant's arguments with respect to claims 1-2, 6, 9, 11-12, 15, 17, 20, 23-24, 26, 28, 30-45 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 21-22, 25, 27, 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Srivastava (US Patent No 6,684,331 B1) in view of Aziz (US Patent No 6,333,067 B1).
5. As per claim 21, 22, 25, 27, 29: Srivastava teaches a method/Apparatus for encrypting a communications among multicast nodes in a telecommunications network,

the method comprising the computer-implemented steps of: sending an encryption key and an identifier that is associated with the encryption key to an authoritative node that stores the encryption key and identifier and that creates and stores an association between the encryption the encryption key and the identifier (See Srivastava col 7 lines 38-48 and col 7 lines 9-16 and Fig 3 step 103, Fig 1 step 103, 113); encrypting data based on the encryption key (See col 7 lines 29-37); and multicasting the encrypted data with the identifier to one or more receiving nodes (See col 7 lines 29-37).

However Srivastava does not explicitly teaches wherein the one or more receiving nodes use the identifier to retrieve the encryption key from the authoritative node and decrypt the encrypted data based on the encryption key.

Aziz teaches wherein the one or more receiving nodes use the identifier to retrieve the encryption key from the authoritative node and decrypt the encrypted data based on the encryption key (See col 3 line 52 through col 4 line 21).

Therefore it would have been obvious for one ordinary person in the art at that time the invention was made to employ the teachings method of Aziz within Srivastava in order to provide an improved approach to distribution that enhances scalability and fault tolerance of group managers over a WAN. (See Srivastava col 4 lines 55-58)

Allowable Subject Matter

6. Claims 21, 22, 25, 27, 29 could be allowable if rewritten to include all limitation of either claim 12 or 17.

Art Unit: 2136

7. Claims 1-2,6,9-12,15,17,20,23-24,26,28,30-44 are allowed.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO 892.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fikremariam Yalew whose telephone number is 5712723852. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Moazzami Nasser, can be reached on 5712738300. The fax phone number for the organization where this application or proceeding is assigned is 571-272-4195.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Fikremariam Yalew
05/08/2007

Art Unit 2136
NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100


5,907